

Attorney Docket Number: 103594.00002

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Jane Wen Chang et al.

Art Unit: 2162

Serial No.: 09/827,500

Examiner: Ehichioya, Fred I.

Filed: April 6, 2001

Title: WIRELESS INFORMATION RETRIEVAL

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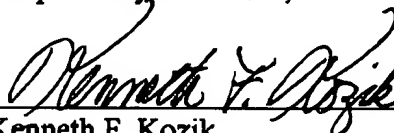
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In accordance with 37 CFR §§1.97, 1.98, applicants and the undersigned attorney hereby submit references listed on the attached form PTO/SB/08A.

Applicants hereby certify, as is required under 37 CFR §1.97(c)(1) and §1.97(e), that each item of information contained in the Information Disclosure Statement are being submitted with a Request for Continued Examination (RCE), thus no fee is due for consideration of this document.

The undersigned also points out that the submission of these documents is neither a concession nor admission that the documents qualify as prior art for this application under the patent laws of the United States. Applicants reserve the right to challenge the status of any such document that the office determines to be prior art.

Respectfully submitted,

Date: February 17, 2006

Kenneth F. Kozik

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10 St. James Avenue
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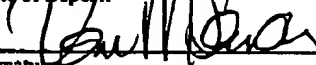
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STATEMENT BY APPLICANT**

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Sheet 1 of 5**Complete if Known**

Application Number	09/827,500
Filing Date	April 6, 2001
First Named Inventor	Chang, Jane Wen
Art Unit	2162
Examiner Name	Ehichioya, Fred I.
Attorney Docket Number	103594.00002

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 4984178	01-1991	Hemphill et al.	
		US- 5060155	10-1991	Van Zuijlen	
		US- 5475588	12-1995	Schabes et al.	
		US- 5610812	3-1997	Scabes et al.	
		US- 5627914	05-1997	Pagallo	
		US- 5649215	07-1995	Itoh	
		US- 5737621	04-1998	Kaplan et al.	
		US- 5950184	09-1999	Karttunen	
		US- 5963894	10-1999	Richardson et al.	
		US- 6032111	02-2000	Mohri et al.	
		US- 6058365	05-2000	Nagai et al.	
		US- 6064953	05-2000	Maxwell, III et al.	
		US- 6073098	06-2000	Buchsbaum et al.	
		US- 6243679	06-2001	Mohri et al.	
		US- 6278973	08-2001	Chung et al.	
		US- 6449589	09-2002	Moore	
		US- 5146406	09-08-1992	Jensen	
		US- 5577241	11-1996	Spencer	
		US- 5748973	05-05-1998	Palmer et al.	

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		Number-Kind Code ² (if known)			
		US- 5822731	10-1998	Schultz	
		US- 5864863	01-1999	Burrows	
		US- 5884302	03-1999	Ho	
		US- 5911756	06-15-1999	Debry	
		US- 5913215	06-15-1999	Rubenstein et al.	
		US- 6009422	12-1999	Cioccarelli	
		US- 6070158	05-2000	Kirsch et al.	
		US- 6094652	07-2000	Falsal	
		US- 6138128	10-24-2000	Perkowitz et al.	
		US- 6169986	01-2001	Bowman et al.	
		US- 6182063	01-30-01	Woods	
		US- 6233575	05-2001	Agrawal et al.	
		US- 6256631	07-03-2001	Malcolm	
		US- 6304864	10-16-2001	Liddy et al.	
		US- 6304872	10-16-2001	Chao	
		US- 6377945	04-23-2002	Risvik	
		US- 5111398	05-05-1992	Nunberg et al.	
		US- 5418717	05-23-1995	Su et al.	
		US- 5708829	01-13-1998	Kadashevich	

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Attorney Docket Number	103594.00002

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		Number-Kind Code ² (if known)			
		US- 5991713	11-23-1999	Unger et al.	
		US- 6018735	01-25-2000	Hunter	
		US- 6182029	01-30-2001	Friedman	
		US- 6233578	05-15-2001	Machihara et al.	
		US- 6314439	11-06-2001	Bates et al.	
		US- 6434556	08-2002	Levin et al.	
		US- 6438540	08-2002	Naar et al.	
		US- 5737734	04-1998	Schultz	
		US- 5890147	03-1999	Peltonen et al.	
		US- 5991756	11-1999	Wu	
		US- 6012053	01-2000	Pant et al.	
		US- 6025843	02-2000	Sklar	
		US- 6182065	01-2001	Yeomans	
		US- 6271840	08-2001	Finseth et al.	
		US- 6292794	09-2001	Cecchini et al.	
		US- 6311194	10-2001	Sheth et al.	
		US- 6324534	11-2001	Neal et al.	
		US- 6363377	03-2002	Kravets et al.	
		US- 6366910	04-2002	Rajaraman et al.	

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Sheet 4

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		Number-Kind Code ² (if known)			
		US- 6397209	05-2002	Reed et al.	
		US- 6397212	05-2002	Blifar	
		US- 6401084	06-2002	Ortega et al.	
		US- 6421675	07-2002	Ryan et al.	
		US- 5369577	11-29-1994	Kadashevich et al.	
		US- 6560590	05-2003	Shwe et al.	
		US- 4724523	02-09-1988	Kucera	
		US- 5251129	10-05-1993	Jacobs	
		US- 5325298	06-28-1998	Gallant	
		US- 5634121	05-27-1997	Tracz et al.	
		US- 5680628	10-21-1997	Carue	
		US- 5799268	08-25-1998	Boguraev	
		US- 5826076	10-20-1998	Bradley et al.	
		US- 5963894	10-0-1999	Richardson	
		US- 5983216	11-09-1999	Kirsch	
		US- 5991751	11-23-1999	Rivette et al.	
		US- 6026388	02-15-2000	Liddy et al.	
		US- 6055528	04-25-2000	Evans	
		US- 6076088	06-13-2000	Paik et al.	

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Sheet 5

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First Named Inventor	Chang, Jane Wen
Art Unit	2162
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		US- 6081774	06-27-2000	de Hita et al.	
		US- 6101537	08-08-2000	Edelstein et al.	
		US- 6163767	12-19-2000	Tang et al.	
		US- 6167370	12-26-2000	Tsourikov et al.	
		US- 6263335	07-17-2001	Paik et al.	
		US- 6269368	07-31-2001	Diamond	
		US- 6275819	08-14-2001	Carter	
		US- 6292938	09-18-2001	Sarkar et al.	
		US- 6349295	02-19-2002	Tedesco et al.	
		US- 6353827	03-05-2002	Davies et al.	
		US- 6393415	05-21-2002	Getchius et al.	
		US- 6415250	07-02-2002	van den Akker	
		US- 6584464	06-24-2003	Warthen	
		US- 5991756	11-23-1999	Wu	
		US- 6651220	11-18-2003	Penteroudakis et al.	
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